Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 17 Mar 2022 until 23:59 on Friday 18 Mar 2022

Forecast Issued on Thursday 17 Mar 2022 at 02:51

Confidence: Generally high, but Medium for cloud details. Medium from Sunday.

Headline for Thursday 17 Mar 2022: Bright start. Becoming cloudier with patchy light rain possible. Windy at height.

Mountain weather hazards on Thursday 17 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Light rain	Light rain	Partly cloudy (night)
Precipitation probability					
<05%	<05%	20%	40%	30%	30%

Forecast for Thursday 17 Mar 2022

Weather: A bright start with sunny spells, and any early fog patches lifting during the morning. Cloud increasing late morning with some patchy light rain possible in the afternoon. A few showers continuing into the evening, but likely dry by midnight. Winds strong at times over the tops making it feel chilly.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Fog patches lifting during the morning, otherwise small amounts of cloud at first. Occasional cloud developing late morning, base around 600m just touching the higher summits. Visibility moderate in any rain with hills in the middle distance obscured and very poor in fog or summit cloud with nearby landmarks obscured. Otherwise visibility very good with distant hills visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 17 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 SW	23/30 SW	24/33 SW	25/34 SW	19/27 SW	16/21 SW	7/10 SW
300	12/16 SW	15/20 SW	19/27 SW	19/28 SW	13/21 SW	10/17 SW	5/7 SW
Valley	4/13 SW	9/18 SW	13/25 SW	14/28 SW	9/21 SW	6/16 SW	3/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	2/-5	4/-1	6/0	6/1	5/0	4/1
300	2/-2	4/-1	7/3	8/5	8/5	7/4	6/4
Valley	2/-0	4/1	8/5	9/6	9/7	7/6	6/5
Freezing Level*	700m	700m	1100m	1400m	1400m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 17 Mar 2022	1.2mm	2mm	2.2mm

Forecast for Friday 18 Mar 2022

Weather: Mist and fog patches developing during the early hours in valleys. This lifting and clearing during the morning, then dry with sunny spells.

Maximum wind: Becoming South or Southeast 10 to 15 mph, gusting 25 mph in the evening.

Chance of cloud-free hill tops above 600m: 50% early in the day, but soon 90%

Low cloud and visibility: Early fog patches lifting and breaking by mid-morning. Visibility very poor in fog, with nearby landmarks obscured. Otherwise, visibility mainly very good with distant hills visible.

Temperature: **Valleys:** Zero Celsius rising to Plus 15 Celsius
At 600m: Plus 2 Celsius rising to Plus 8 Celsius
Freezing level: Generally above the tops, but reaching surface at lower levels around dawn.

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